

Please amend the claims as follows:

1-3. (cancelled)

4. (currently amended) A method for screening for treatments of neurodegenerative disease comprising:

~~stimulating oxidative stress;~~

inducing aggregation of amyloidogenic proteins;

exposing amyloidogenic proteins to a treatment;

measuring aggregation of NACP/ $\alpha$ -synuclein ~~in neuronal cells;~~

and measuring aggregation of NACP/ $\alpha$ -synuclein to test for a decrease in aggregation, wherein the decrease is indicative of an effective treatment.

5. (currently amended) The method of claim 4 ~~11~~, wherein oxidative stress is stimulated by a mixture of metal-ions and hydrogen peroxide.

6. (currently amended) The method of claim 4 ~~11~~, wherein oxidative stress is stimulated using an iron-catalyzed oxidative reaction.

7. (currently amended) The method of claim 4, wherein the treatment comprises expression of a non-amyloidogenic protein modulates aggregation of NACP/ $\alpha$ -synuclein.

8. (original) The method of claim 7, wherein the non-amyloidogenic protein is  $\beta$ -synuclein.

9. (cancelled)

10. (cancelled)

11. (new) The method of claim 4, wherein aggregation is induced by oxidative stress.

12. (new) The method of claim 4, wherein the treatment comprises an agent to promote the expression of anti-amyloidogenic proteins.

13. (new) The method of claim 12, wherein the anti-amyloidogenic protein is  $\beta$ -synuclein.